



Aligning Business and Enterprise IT Execution and FORCEnet

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What is Business and Enterprise IT?

How Core Enterprise Services Fit into the GIG



- **Classic definition of Business and Enterprise IT**

- **GIG/ BMMP**
 - Enterprise Infrastructure Services (EIS)
 - Core Enterprise Services (CES)
 - Enterprise Application and Data Services (EADS)
 - Domain IT (warfighting/ business)
- Enterprise IT – all IT that supports EIS, CES, EADS
- Business IT – IT that supports the designated business domain

The Management of Business and Enterprise IT requires a different approach than Warfighting IT

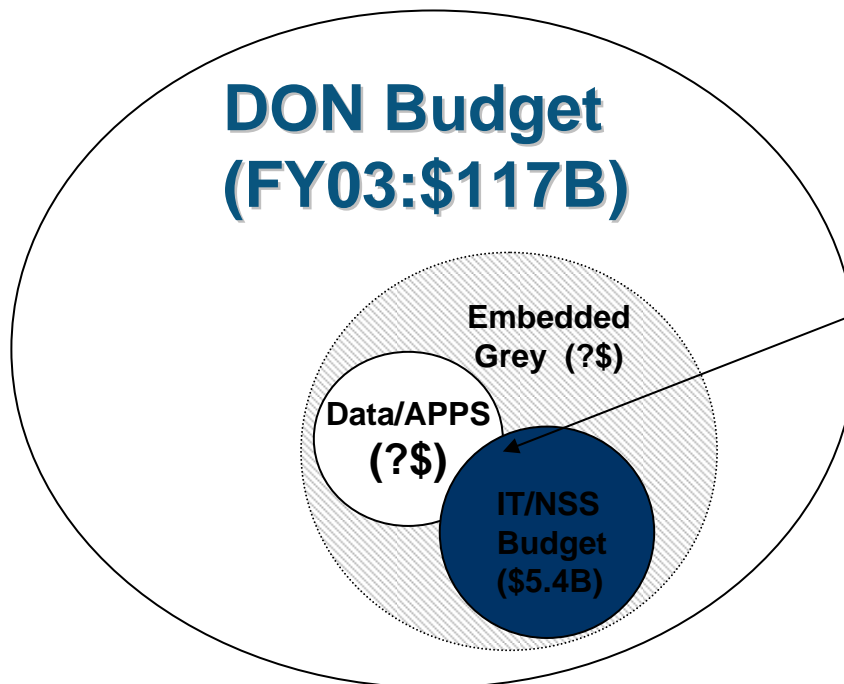
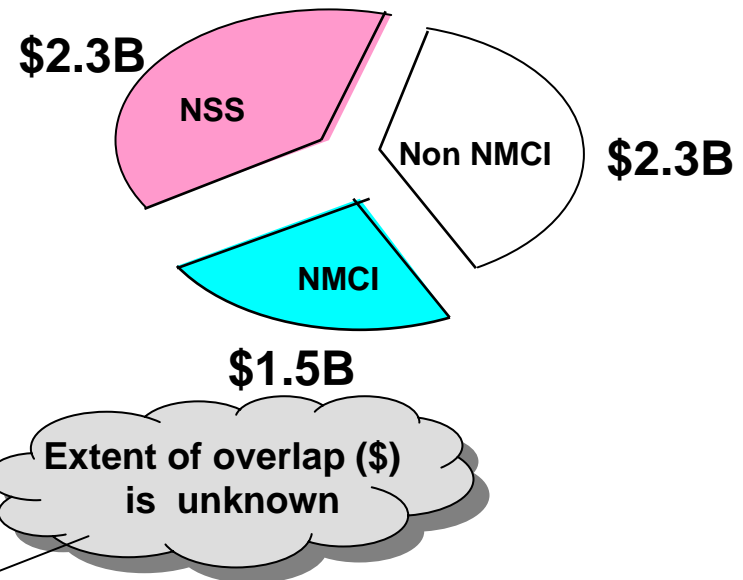


Department of Navy Drivers

- **Cyclic TOA & impact on discretionary spending**
- **External pressures**
 - GAO Audits on IT risk areas
 - PBDs reducing IT spending
 - Alignment requirements with BMMP, Clinger-Cohen
 - Congressional mandates for legacy network and application reduction and reporting
- **Internal DON**
 - Organizational alignment
 - Portfolio management
 - Requirements
 - Policy
 - DON 2005 IT Objectives (SECNAV)
 - Application reduction (UNSECNAV)
 - Server procurement / application hosting review (ASN(RDA))

Size of the Opportunity

FY04 IT / NSS - \$6.1B





DON Enterprise IT Potential ROI

Data/Server Consolidation

- **20-30% reduction in data center operation costs ⁽¹⁾**
- **10-20% reduction in IT infrastructure budgets during 2-year period ⁽²⁾**

Enterprise Asset Management

- **5% in license fees first year, 2-3% in ensuing years; potentially 10% per year by identifying poorly managed assets ⁽³⁾**

Enterprise Content Management

- **Most content managers and planners report a 12-month to 18-month payback for an average midsize installation. ⁽⁴⁾**

Enterprise Systems Management

- **10% savings per year ⁽⁵⁾**

¹AMR, *Data Center Consolidation*

²Gartner

³Gartner, *IT Asset Management: Reduce Costs and Minimize Risks*

⁴Gartner, *You Can Document ROI for Web Content Management*

⁵Gartner, *IT Asset Management: Reduce Costs and Minimize Risks*

Projected ROM Savings

Enterprise Service	Annual Non-Tactical IT Spending (est.)	% Savings	Savings *Based on Gartner
Enterprise Network Mgmt	\$83.8 M	10%	\$8.4 M
Server Consolidation/ Enterprise Integration	\$198.2 M	25%	\$49.5 M
Data Warehouse	\$176.6 M	24%	\$42.4 M
Enterprise Portal/ Collaboration/Content Mgmt	\$248.0 M	48%	\$119.0 M

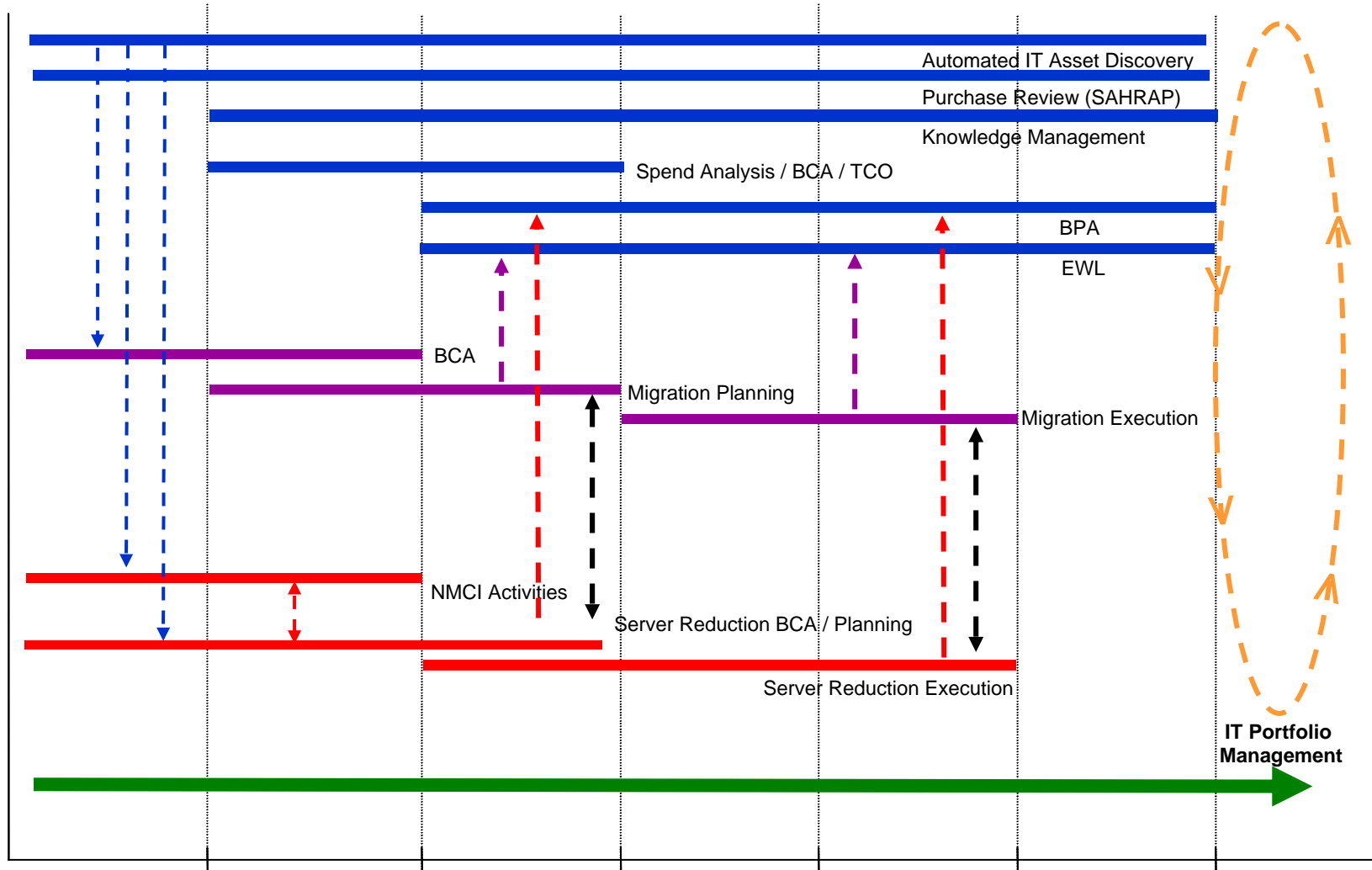


Elements of IT Lifecycle Management

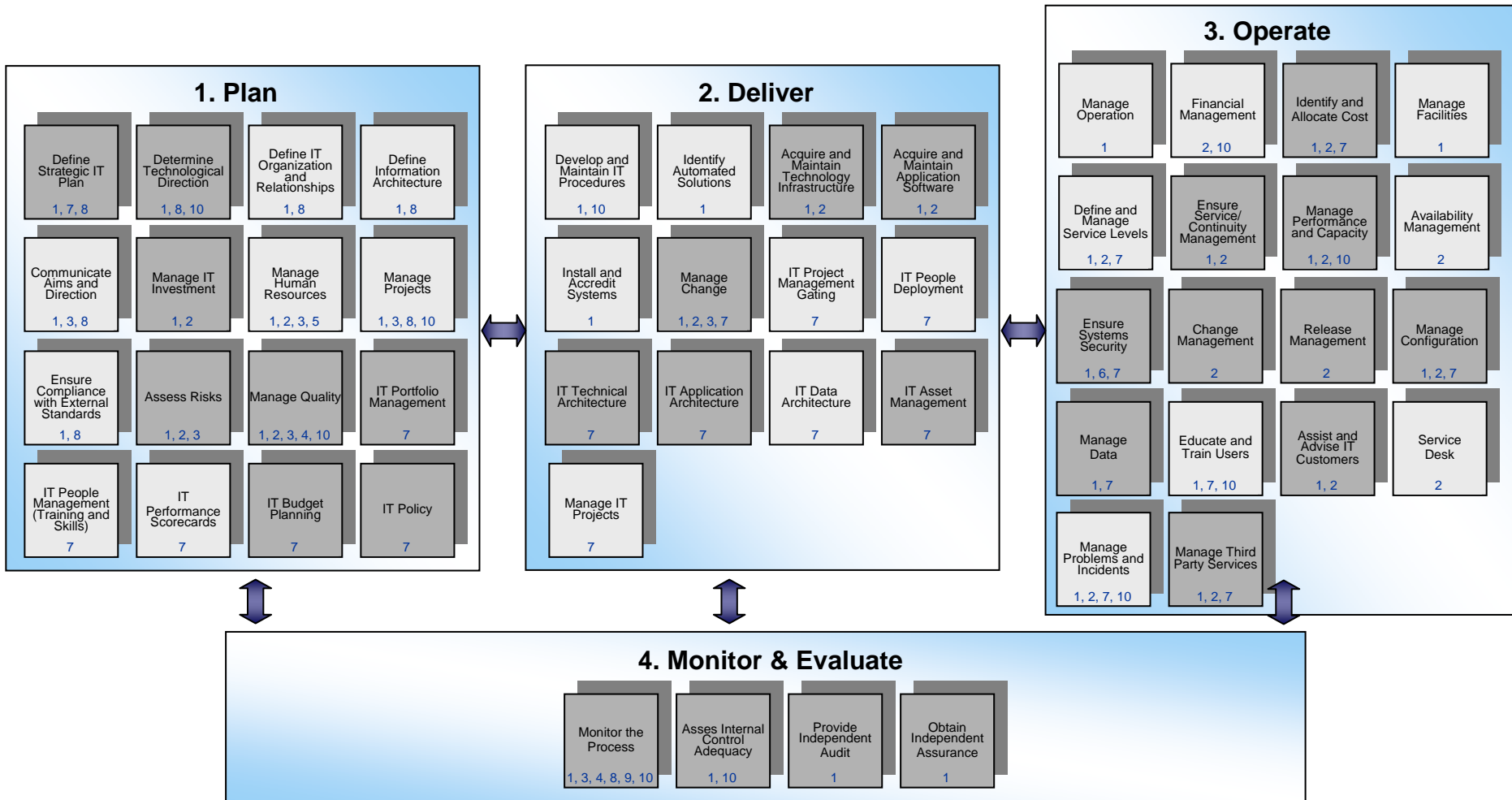
- **Asset discovery & management**
- **Rationalization of IT components**
 - Applications, servers, networks
- **Procurement and utilization efficiency**
 - Master purchase agreements (IT commodities)
 - Enterprise-wide commercial off the shelf (COTS) software licensing
- **Operational efficiency improvements**
 - Server consolidation, application hosting, etc.
- **Supporting evolving business functions (new requirements) out of FAM activities and IT Strategy**



Approach To Meeting 2005 DON IT Objectives



Enterprise IT Asset Discovery Areas



1. CobIT

2. Information Technology Infrastructure Library (ITIL)

3. Project Management Institute (PMI)

4. ISO 9001 Quality management

5. Investors In People (IIP)

6. ISO 17799 Information Security

7. Gartner's 21 Best Practices

8. European Framework for Quality Management

9. Six Sigma

10. CMM



Enterprise IT Asset Management Discovery Status

- **Scans**

- Navy:

- Completed Level 1 scan of NMCI network
 - Level 1 scans of SPAWAR (Legacy) and PACFLT (Legacy)
 - Level 1 & 2 scans for BUPERS, NAVSISA, BUMED
 - Level 1 & 2 scans for HREN, TBAN, and NOLA as part of CCZ

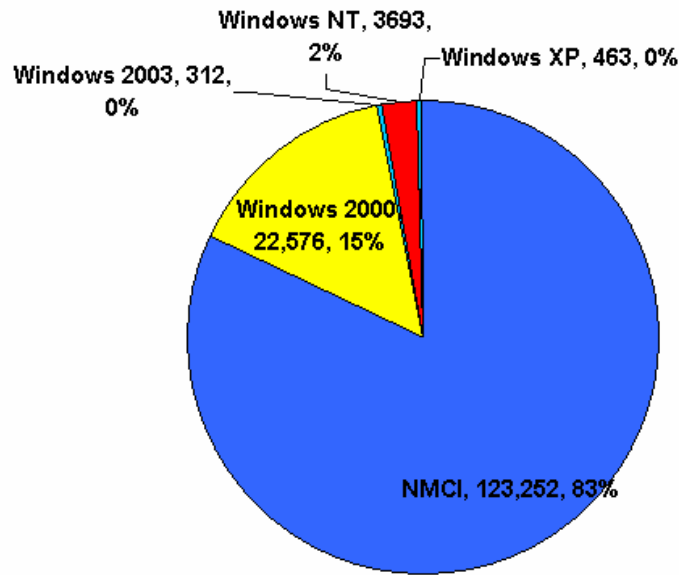
- USMC: Completed Level 1 scan of NMCI network and legacy network
 - Over 285,000 expected devices found (Navy & USMC)
 - Over 18.3 Million network addresses scanned

- **Next Steps**

- Continue CCZ support
 - Initial Level 2 scan of NMCI
 - Additional Level 2 and Level 3 scans of NMCI and Legacy networks to support specific business initiatives

FORCEnet “in the details”

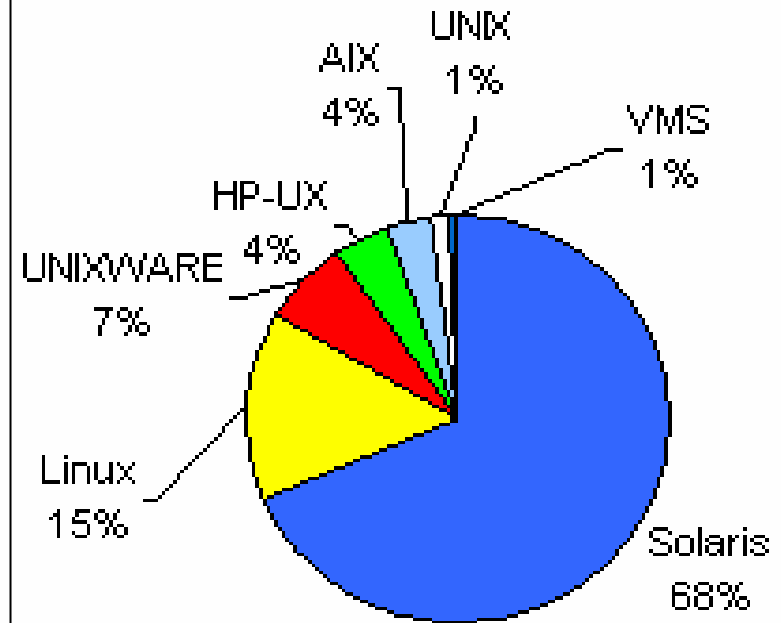
Windows Install Base



Windows Notes

- NMCI seats dominate Windows landscape
- 3,693 WinNT systems on legacy and NMCI
- Security exposure to Windows NT on NMCI
- DONCIO established team to address NT migration planning

Unix Install Base



Unix Notes:

- Solaris dominates the installed base that was scanned
- However, Linux represents a significant portion of Unix base – what is the DON policy on Linux?



Differentiators for Business and Enterprise IT

- **History driving parallel assessment processes**
- **Diversity in execution**
- **Scope and visibility**
- **State of governance**
- **Ability to separate and act on various aspects individually**



Department of the Navy

Enterprise IT Industry SYMPOSIUM

Getting Down to Business

Working with the IT Industry to
Achieve the DoN Enterprise IT Portfolio

navyitsymposium.com

05



BACKUP



Premises

- **Business and Enterprise IT is uniquely positioned today to support Sea Enterprise**



Premises

- **Business and Enterprise IT is uniquely positioned today to support Sea Enterprise**
- **Business and Enterprise IT can be more closely and effectively aligned with FORCEnet in execution level detail**



NMCI – Current Status

- **Operational**
 - Largest corporate intranet in world
 - Over...
 - 500K users
 - 240K seats deployed
 - 4M emails a day; average delivery time <2 minutes
 - 3.4 terabytes of data transported per day
 - Security
 - Trapped, quarantined, disinfected 60K viruses
 - No infections in CY2005 to date
- **Visibility into IT expenditures** (seat services, security, network transport)
- **Enables corporate approach / reach to lifecycle management**



What are the Challenges?

- **No “center of the universe” for business and enterprise IT**
 - Need for a broader management plan
 - Reach of business and enterprise IT is across the DON
- **Ability to prioritize initiatives – no new funding**
- **Broadening the focus of FORCEnet toward business and enterprise IT**
 - Leveraging off of industry



What are the Challenges?

- **No “center of the universe” for Business and Enterprise IT**
 - Need for a broader management plan
 - Reach of Business and Enterprise IT is across the DON
- **Prioritize initiatives & realism associated with “Quick wins”**
- **No new funding**
- **Broadening the focus of FORCEnet toward Business and Enterprise IT**
- **Leveraging industry experience**



Beyond NMCI – “There’s money to be made....”

- **Data / Server Consolidation**

- 20-30% reduction in data center operation costs (AMR, *Data Center Consolidation*)
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- **Enterprise Asset Management**

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